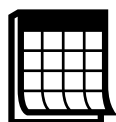


FORUM ON

Artificial Intelligence in Healthcare- Recent Developments and Opportunities for Malaysia



**Friday
8 December 2023**



9.30AM - 11.30AM



**Multipurpose Hall
MPH, MMU Cyberjaya
(Physical)**

REGISTRATION FEES

IEM STUDENT MEMBER : FREE

IEM MEMBER : RM 15

NON IEM MEMBER : RM 70

Speakers



Ir. Prof. Dr. Mohammad Faizal Bin Ahmad Fauzi

Dr. Helmi Zakariah

Mr. Jeffry bin Mohammad Noor

CPD APPROVED HOURS : 2

CPD REF NUM : IEM23/HQ/517/F

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PARTICIPANTS
ONLY!!**

INTRODUCTION

The Industrial Linkage Committee (ILC) has been coordinating an annual industrial forum specifically tailored for Engineering and Society students within the Faculty of Engineering (FOE). The FOE Forum serves as a platform for students to gain insights into the current industry requirements and trends through exposure to various industrial practices and the sharing of real-world industrial experiences. The primary goal of this event is to inspire our students, enabling them to align their education with the dynamic needs of the industry.

OBJECTIVE

- i. Engage in discussions concerning the fundamental changes that engineers must make to confront the challenges in implementing AI in healthcare.
- ii. Explore the challenges and the roles of different industries in developing AI technology to address issues related to healthcare.

PROGRAM TENTATIVE

09:00 a.m. Arrival of Distinguished Guests & Registration

09:30 a.m. Welcoming Address by the Dean of Faculty of Engineering

09:45 a.m. Inauguration of the Forum

09:50 a.m. Commencement of the Forum Discussions

11:10 a.m. Question & Answer Session

11.30 a.m. End

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INTRODUCTION



MR JEFFRY BIN MOHAMMAD NOOR

Mr. Jeffry bin Mohammad Noor has accumulated more than 18 years of experience in the field of Biomedical Engineering. He earned his bachelor's degree in electronic engineering from the University of Southampton, United Kingdom, in 2004. Presently, he is affiliated with the Engineering Services Division of the Ministry of Health, holding the position of Senior Principal Assistant Director. His specialization lies in Hospital Support Services (HSS) with a specific focus on Biomedical Services. He possesses a strong background in operational management and customer relations, making him a valuable asset in his field.

Mr. Jeffry is a member of several professional associations, including the Professional Affiliation Board of Engineers Malaysia (BEM), the Biomedical Engineering Association of Malaysia (BEAM), the Institution of Engineers Malaysia (IEM), and serves as a member of the Ahli Jawatankuasa Dasar Regulatori Medical Device Authority.



DR. HELMI ZAKARIAH

Dr. Helmi Zakariah (MD, MPH) is professionally trained as a physician and public health professional. In 2017, he pivoted as a digital health entrepreneur with extensive experience in leveraging Big Data Analytics and Artificial Intelligence in the field of Medical Epidemiology. Dr. Zakariah's academic credentials include a Medical Degree from the Russian Federation and a Master's in International Public Health from the University of Liverpool, United Kingdom. His professional journey began in Public Health, serving as a district program manager for the National Tuberculosis Control Programme. Dr. Zakariah embarked on his venture into Big Data Analytics and Digital Epidemiology as the CEO of AIME (Artificial Intelligence in Medical Epidemiology) and AI4Good, where he was instrumental in developing and implementing data analytics solutions in public health, women's and reproductive health, and sustainable agriculture, impacting communities across three continents. His leadership extended to the role of Chief Operating Officer for AIME in Malaysia, and subsequently, he was appointed as the Chief Executive Officer for AIME's operations in the Asia-Pacific region from January 2, 2018.



PROF. IR. DR. MOHAMMAD FAIZAL AHMAD FAUZI

Prof. Ir. Dr. Mohammad Faizal Ahmad Fauzi received the B.Eng. degree in Electrical and Electronic Engineering from Imperial College, London, UK in 1999, and the Ph.D. degree in Electronics and Computer Science from University of Southampton, Southampton, UK in 2004. He is currently a Professor at the Faculty of Engineering, Multimedia University, and the Head for the MMU-UKM-IMU IMU Artificial Intelligence for Digital Pathology (AI4DP) Research Excellence Consortium. His main research interests are in signal and image processing, machine learning, medical imaging, and biomedical informatics. He has published more than 100 journal and conference articles to date and delivered invited and keynote lectures at many international conferences. From May 2013 to June 2014, and April to June 2017, he was attached to the Ohio State University Wexner Medical Center as a visiting scholar where he worked on cancer diagnosis and prognosis in digital pathology. Mohammad Faizal is a Chartered Engineer (CEng) with the Engineering Council UK, and a Professional Engineer (PEng) with the Board of Engineers Malaysia. He is also a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE) which he volunteers actively. He is a recipient of many awards such as the 2017 Fulbright-MCMC Senior Researcher, 2020 IEEE SPS Meritorious Regional/Chapter Service Award and the 2021 IEEE Region 10 Outstanding Volunteer Award.

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